

CLAIMS

What is claimed is:

*Sub 103*

1. A system, comprising:
  - 2 an intranetwork;
  - 3 an extranetwork coupled to the intranetwork;
  - 4 a first host digital processing system coupled to the intranetwork,
  - 5 the first digital processing system having performance parameters; and
  - 6 a first remote digital processing system coupled to the
  - 7 extranetwork to monitor a performance parameter, the first remote digital
  - 8 processing system coupled to the extranetwork at a first location similar to
  - 9 that of a first expected user of the first host digital processing system.
1. The system of claim 1, wherein the extranetwork comprises a first
- 2 backbone network and wherein the first remote digital processing system
- 3 is coupled to the first backbone network.
1. The system of claim 2, further comprising a second remote digital
- 2 processing system to monitor a performance parameter of the first host
- 3 digital processing system, wherein the extranetwork further comprises a
- 4 second backbone network and wherein the second remote digital
- 5 processing system is coupled to the second backbone network at a second
- 6 location similar to that of a second expected user of the second host digital
- 7 processing system.

1       4. The system of claim 2, further comprising a monitoring operations  
2       center coupled to the extranetwork, the monitoring operations center to  
3       receive data from the first remote digital processing system.

1       5. The system of claim 4, wherein the data includes the performance  
2       parameter.

1       6. The system of claim 5, further comprising a second extranetwork  
2       coupled to the first remote digital processing system and the monitoring  
3       operations center, the second extranetwork to transmit the data from the  
4       first remote digital processing system to the monitoring operations center.

1       7. The system of claim 6, wherein the second extranetwork is a public  
2       switched telephone network.

1       8. The system of claim 6, wherein the second extranetwork is a  
2       wireless network.

1       9. The system of claim 1, wherein the first remote digital processing  
2       system is configured to pre-set cookies on the host digital processing  
3       system.

1       10. The system of claim 9, wherein the host digital processing system  
2       includes a plurality of web pages and wherein the pre-set cookies enable  
3       the first remote digital processing system to access a particular one of the  
4       plurality of web pages independent of another of the plurality of web  
5       pages.

1 11. The system of claim 1, wherein the performance parameter is a  
2 timing threshold parameter.

1 12. The system of claim 11, wherein the timing threshold parameter is  
2 a domain name system lookup time.

1 13. The system of claim 11, wherein the timing threshold parameter is  
2 a connect time.

1 14. The system of claim 11, wherein the timing threshold parameter is  
2 throughput.  
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1 15. The system of claim 11, wherein the timing threshold parameter is  
2 a transfer rate.

1 16. The system of claim 11, wherein the timing threshold parameter is  
2 latency.

1 17. The system of claim 1, wherein the performance parameter is a link  
2 verification.

1 18. The system of claim 1, wherein the performance parameter is a  
2 subsidiary page verification.

1 19. The system of claim 4, wherein the first remote digital processing  
2 system includes a queuing client to control the transfer of data to the  
3 monitoring operations center.

1 20. A method of network monitoring, comprising:

2 positioning a remote digital processing system on a backbone  
3 network remotely from a host digital processing system, the remote  
4 digital processing system position approximate that of an expected user of  
5 the host digital processing system, the host digital system coupled to the  
6 backbone network through an intranetwork; and

7 monitoring a performance parameter of the host digital processing  
8 system with the remote digital processing system.

1        21. The method of claim 20, further comprising transmitting  
2        information about the performance parameter to a monitoring operations  
3        center.

1 22. A method of claim 20, wherein monitoring comprises:

2       determining the performance parameter for monitoring;

3       establishing a connection with the host digital processing system;

4       and

5       performing a transaction with the host digital processing system.

1        23. The method of claim 22, wherein determining comprises receiving  
2        the performance parameter through a configuration interface.

1 24. The method of claim 22, wherein establishing comprises pre-setting  
2 cookies on the host digital processing system to enable the remote digital  
3 processing system to access data on the host digital processing system.

1 25. The method of claim 22, wherein the performance parameter is a  
2 timing parameter associated with the transaction and wherein the method  
3 further comprises measuring the timing parameter.

1        26. The method of claim 22, wherein the performance parameter is a  
2        domain name server lookup time associated with establishing the  
3        connection.

1        27. The method of claim 25, wherein measuring comprises calculating  
2        a latency time.

1        28. The method of claim 25, wherein measuring comprises calculating  
2        a throughput time.

1        29. The method of claim 25, wherein measuring comprises calculating  
2        a connection time.

1        30. The method of claim 25, wherein measuring comprises calculating  
2        a data transfer rate.

1        31. The method of claim 22, wherein the performance parameter is a  
2        correctness parameter and wherein the method further comprises  
3        evaluating the correctness parameter.

1        32. The method of claim 31, wherein evaluating comprises:  
2                determining a positive search pattern;  
3                determining a negative search pattern; and  
4                comparing the positive search pattern with the negative search  
5                pattern to verify the correctness of a content.

1        33. The method of claim 31, wherein evaluating comprises:  
2                fetching an accessory file from a storage location; and

3 verifying that content of the accessory file is available for retrieval.

1 34. The method of claim 31, wherein evaluating comprises:  
2 selecting a link on a web page; and  
3 verifying that content corresponding to the web page is accessible.

1 35. A method, comprising:  
2 monitoring performance parameters of a host digital processing  
3 system coupled to an extranetwork using a plurality of remote digital  
4 processing systems, the extranetwork comprising a plurality of backbone  
5 networks, at least one of the plurality of remote digital processing systems  
6 selectively coupled to at least one of the plurality of backbone networks at  
7 a position approximate that of an expected user of the host digital  
8 processing system.

1 36. The method of claim 35, wherein monitoring comprises:  
2 evaluating the performance parameters using one of the plurality  
3 of remote digital processing systems; and  
4 transmitting a report on the evaluating from the one of the  
5 plurality of remote digital processing systems to another of the plurality  
6 of remote digital processing systems.

1 37. The method of claim 36, wherein evaluating the performance  
2 parameters includes measuring a timing threshold associated with an  
3 interaction with the host digital processing system.

1 38. An apparatus, comprising:

2                   means for positioning a remote digital processing system on a  
3                   backbone network remotely from a host digital processing system, the  
4                   remote digital processing system position approximate that of an expected  
5                   user of the host digital processing system, the host digital system coupled  
6                   to the backbone network through an intranetwork; and

7                   means for monitoring a performance parameter of the host digital  
8                   processing system with the remote digital processing system.

1                   39. The apparatus of claim 38, wherein the means for monitoring  
2                   comprises:

3                   means for evaluating the performance parameter; and  
4                   means for reporting the evaluation of the performance parameter  
5                   to a monitoring operations center.

1                   40. The apparatus of claim 39, wherein the performance parameter is a  
2                   timing threshold.

1                   41. The apparatus of claim 39, wherein the performance parameter is a  
2                   correctness parameter.